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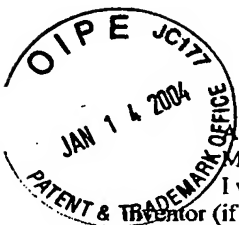
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Xerox Docket No.D/A3570

APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

I, as a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint

inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIRECT DETECTION OF HIGH-ENERGY SINGLE PHOTONS

described and claimed in the specification:

Check one

*a. ☐ attached hereto.

b. ☒ filed on September 3, 2003 as Application No. 10/653,190.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

Mark Costello	Reg. No. 31,342;	Elizabeth F. Harasek	Reg. No. 28,850;
Ronald F. Chapuran	Reg. No. 26,402;	Eugene O. Palazzo	Reg. No. 20,881;
Kevin R. Kepner	Reg. No. 32,145;	Mario A. Costantino	Reg. No. 33,565;
Nola Mae McBain	Reg. No. 35,782;	Stephen J. Roe	Reg. No. 34,463;
James A. Oliff	Reg. No. 27,075;	Joel S. Armstrong	Reg. No. 36,430;
William P. Berridge	Reg. No. 30,024;	Christopher W. Brown	Reg. No. 38,025;
Kirk M. Hudson	Reg. No. 27,562;	Richard E. Rice	Reg. No. 31,560;
Thomas J. Pardini	Reg. No. 30,411;	Paul Tsou	Reg. No. 37,956; and
Edward P. Walker	Reg. No. 31,450;	Eric D. Morehouse	Reg. No. 38,565.
Robert A. Miller	Reg. No. 32,771;		

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1 *Typewritten Full Name
of First or Sole Inventor*

Ofer

DAGAN

Given Name

Middle Initial

Family Name

2 ****INVENTOR'S SIGNATURE:**

3 ****DATE OF SIGNATURE:**

Month

Day

Year

Residence:

Givat Ze'ev

Israel

City

State or Province

Country

Citizenship:

Israel

Post Office Address:

(Insert complete

mailing address,

including country)

Mevo HaShikma 20/1, 90917 Givat Ze'ev, Israel.

*This form may be executed only when attached to the specification (including claims) at the end thereof if Box a. is checked.

**Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒

Page 2 OF U.S.A. DECLARATION FORM
(Discard this page in a sole inventor application)

1	Typewritten Full Name of Second Joint Inventor (if any)	Barry	Neal	BREEN
		Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:	<i>X</i> <i>Dany 1/Bar</i>		
3	**DATE OF SIGNATURE:	<i>X</i> <i>12</i>	<i>15</i>	<i>2003</i>
		Month	Day	Year
	Residence:	Givat Ze'ev	Israel	
		City	State or Province	Country
	Citizenship:	Israel, USA		
	Post Office Address: (Insert complete mailing address, including country)	Post Office Box 580 HaMacabim 67, 90917 Givat Ze'ev, Israel.		
1	Typewritten Full Name of Third Joint Inventor (if any)	Haim		HERMON
		Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:	<i>X</i>		
3	**DATE OF SIGNATURE:	<i>X</i>		
		Month	Day	Year
	Residence:	Jerusalem	Israel	
		City	State or Province	Country
	Citizenship:	Israel		
	Post Office Address: (Insert complete mailing address, including country)	Bar Kochva 2, 97875 Jerusalem, Israel		
1	Typewritten Full Name of Fourth Joint Inventor (if any)	Robert	A.	STREET
		Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:			
3	**DATE OF SIGNATURE:			
		Month	Day	Year
	Residence:	Palo Alto	California	United States
		City	State or Province	Country
	Citizenship:	British		
	Post Office Address: (Insert complete mailing address, including country)	894 La Para Avenue, Palo Alto, CA 94306-2647, USA		
1	Typewritten Full Name of Fifth Joint Inventor (if any)			
		Given Name	Middle Initial	Family Name
2	**INVENTOR'S SIGNATURE:			
3	**DATE OF SIGNATURE:			
		Month	Day	Year
	Residence:			
		City	State or Province	Country
	Citizenship:			
	Post Office Address: (Insert complete mailing address, including country)			

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**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

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Kirk M. Hudson	Reg. No. 27,562;	Richard E. Rice	Reg. No. 31,560;
Thomas J. Pardini	Reg. No. 30,411;	Paul Tsou	Reg. No. 37,956; and
Edward P. Walker	Reg. No. 31,450;	Eric D. Morehouse	Reg. No. 38,565.
Robert A. Miller	Reg. No. 32,771;		

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1 **Typewritten Full Name
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Ofer

DAGAN

Given Name

Middle Initial

Family Name

2 ****INVENTOR'S SIGNATURE:**

3 ****DATE OF SIGNATURE:**

Month

Day

Year

Residence:

Givat Ze'ev

Israel

City

State or Province

Country

Citizenship:

Israel

Post Office Address:

(Insert complete

mailing address,

including country)

Mevo HaShikma 20/1, 90917 Givat Ze'ev, Israel.

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1 **Typewritten Full Name**
of Second Joint Inventor (if any)

Barry	Neal	BREEN
Given Name	Middle Initial	Family Name

2 ****INVENTOR'S SIGNATURE:** _____

3 ****DATE OF SIGNATURE:** _____

Month	Day	Year
-------	-----	------

Residence: Givat Ze'ev Israel

City	State or Province	Country
------	-------------------	---------

Citizenship: Israel, USA

Post Office Address:
(Insert complete mailing address, including country)

Post_Office_Box_580

HaMacabim 67, 90917 Givat Ze'ev, Israel.

1 **Typewritten Full Name**
of Third Joint Inventor (if any)

Haim		HERMON
Given Name	Middle Initial	Family Name

2 ****INVENTOR'S SIGNATURE:** Haim Hermon

3 ****DATE OF SIGNATURE:** December 16 2003

Month	Day	Year
-------	-----	------

Residence: Jerusalem Israel

City	State or Province	Country
------	-------------------	---------

Citizenship: Israel, USA

Post Office Address:
(Insert complete mailing address, including country)

Bar Kochva 2, 97875 Jerusalem, Israel

1 **Typewritten Full Name**
of Fourth Joint Inventor (if any)

Robert	A.	STREET
Given Name	Middle Initial	Family Name

2 ****INVENTOR'S SIGNATURE:** _____

3 ****DATE OF SIGNATURE:** _____

Month	Day	Year
-------	-----	------

Residence: Palo Alto California United States

City	State or Province	Country
------	-------------------	---------

Citizenship: British

Post Office Address:
(Insert complete mailing address, including country)

894 La Para Avenue, Palo Alto, CA 94306-2647, USA

1 **Typewritten Full Name**
of Fifth Joint Inventor (if any)

Given Name	Middle Initial	Family Name

2 ****INVENTOR'S SIGNATURE:** _____

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Nola Mae McBain	Reg. No. 35,782;	Stephen J. Roe	Reg. No. 34,463;
James A. Oliff	Reg. No. 27,075;	Joel S. Armstrong	Reg. No. 36,430;
William P. Berridge	Reg. No. 30,024;	Christopher W. Brown	Reg. No. 38,025;
Kirk M. Hudson	Reg. No. 27,562;	Richard E. Rice	Reg. No. 31,560;
Thomas J. Pardini	Reg. No. 30,411;	Paul Tsou	Reg. No. 37,956; and
Edward P. Walker	Reg. No. 31,450;	Eric D. Morehouse	Reg. No. 38,565.
Robert A. Miller	Reg. No. 32,771;		

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Ofer

DAGAN

Given Name

Middle Initial

Family Name

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3 ****DATE OF SIGNATURE:**

Month

Day

Year

Residence:

Givat Ze'ev

Israel

City

State or Province

Country

Citizenship:

Israel

Post Office Address:

(Insert complete
mailing address,
including country)

Mevo HaShikma 20/1, 90917 Givat Ze'ev, Israel.

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Page 2 OF U.S.A. DECLARATION FORM
(Discard this page in a sole inventor application)

1 *Typewritten Full Name
of Second Joint Inventor (if any)* Barry BREEN
Given Name Middle Initial Family Name

2 ****INVENTOR'S SIGNATURE:** _____

3 ****DATE OF SIGNATURE:** _____
Month Day Year

Residence: Givat Ze'ev Israel
City State or Province Country

Citizenship: Israel
Post Office Address:
(Insert complete
mailing address,
including country) HaMacabim 67, 90917 Givat Ze'ev, Israel.

1 *Typewritten Full Name
of Third Joint Inventor (if any)* Haim HERMON
Given Name Middle Initial Family Name

2 ****INVENTOR'S SIGNATURE:** _____

3 ****DATE OF SIGNATURE:** _____
Month Day Year

Residence: Jerusalem Israel
City State or Province Country

Citizenship: Israel
Post Office Address:
(Insert complete
mailing address,
including country) Bar Kochva 2, 97875 Jerusalem, Israel

1 *Typewritten Full Name
of Fourth Joint Inventor (if any)* Robert A. STREET
Given Name Middle Initial Family Name

2 ****INVENTOR'S SIGNATURE:** Robert A Street

3 ****DATE OF SIGNATURE:** Nov 11 2003
Month Day Year

Residence: Palo Alto California United States
City State or Province Country

Citizenship: British
Post Office Address:
(Insert complete
mailing address,
including country) 894 La Para Avenue, Palo Alto, CA 94306-2647, USA

1 *Typewritten Full Name
of Fifth Joint Inventor (if any)* _____
Given Name Middle Initial Family Name

2 ****INVENTOR'S SIGNATURE:** _____

3 ****DATE OF SIGNATURE:** _____
Month Day Year

Residence: _____
City State or Province Country

Citizenship: _____
Post Office Address:
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